



Model: VR383SX3

User Manual
Manuale d'uso
Manuel d'utilisation





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Digital Voice Recorder with Laser Pointer (VR383SX3) USER MANUAL

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Ver. 1.0





INTRODUCTION

BRIEF DESCRIPTION

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Thank you for selecting the Oregon Scientific™ Digital Voice Recorder with Laser Pointer as your personal voice-recording product of choice. The VR383SX3 is small in size and easy to use, making it ideal to bring along for voice memos, conversations, and discussion recordings. It is integrated with a laser pointer that can be used as a pointing tool for business and academic presentations. The device allows you to record up to 198 messages with a total duration of 136 minutes and the ability to organize recordings into 2 separate folders. The messages remain intact even when batteries are removed because of the non-volatile memory employed. Other features of the product include:

- **Index marking**
Helps you to search for the desired section in a message.
- **Section repeat playback**
Lets you listen to a section of a message repeatedly.
- **MIC sensitivity control (Hi or Lo)**
Maintains good recording quality independent of voice loudness.
- **Voice activated recording (VOX)**
Starts and stops recording automatically by detecting voice activity.
- **Scan playback (first 5 sec. for each message)**
Helps you to search for the desired message.
- **Laser Pointer**
Use as a pointing tool for meetings or presentations.
- **Alarm clock**
Shows daily alarm time.
- **Radio**
Built in FM radio function with 30 presets.
- **Non-Volatile Memory**
Safe storage for all your recorded messages.





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SAFETY NOTES

To ensure that you use your voice recorder correctly, read these Safety Notes and your User Manual carefully beforehand. The warnings given here provide important safety information and should be observed at all times.

⚠ GENERAL WARNINGS

- Do not attempt to repair the voice recorder yourself. Contact the retailer or our customer service department if your product requires servicing.
- Take precautions when handling all battery types. They can cause injuries, burns, or property damage as a result of contact with conducting materials, heat, corrosive materials or explosives.
- The voice recorder is a precision instrument. Never attempt to take this device apart. There is a serious danger of powerful electric shocks.
- Do not immerse the voice recorder in water.
- Do not, under any circumstances, touch the exposed electronic circuitry of the voice recorder, as there is a danger of electric shock should it become exposed.
- Take special care when handling a damaged LCD display, as the liquid crystals can be harmful to your health.
- Do not use or store the voice recorder in locations that may adversely affect the product such as rain, snow, desert, and magnetic fields.
- Do not use this device in aircrafts or hospitals. The use of the voice recorder can cause malfunctions in the control devices of other equipment.
- Do not subject the voice recorder to impact or shock while recording.





Cleaning your Voice Recorder

Cleaning

Monitor	Clean with a soft, dry cloth.
Body	Clean with a damp cloth; dry immediately.

- Do not use benzene, thinner, or similar cleaning agents to clean your voice recorder, as these may cause permanent damage not covered by the warranty.
- Do not scratch hard objects against the LCD screen as it is easily damaged.

Storing your Voice Recorder

- Remove the batteries before storing the voice recorder for long periods of time. Then, remove the device from the pouch and keep it in a well-ventilated place in order to prevent molding.
- Check all major functions when the voice recorder is unused for a long period of time. This is to ensure the full operation of the device.
- Maintain a regular internal testing and cleaning of your voice recorder.

OTHER NOTICES

Statement of Responsibility

Oregon Scientific assumes no responsibility for any incidental losses (such as the costs of recording or the loss of income from recording) incurred as a result of faults with this product.

Oregon Scientific will not be held liable for any bodily injury, death, property damages or any other claims of whatever nature resulting from the misuse or negligence of the VR product, whether intentional or unintentional. The product is designed with safety features such as the Laser Lock switch in order to protect the consumer from the potential dangers associated with the laser pointer. Oregon Scientific will not be responsible for any deviations in the usage of the device from those specified in the user instructions or any unapproved alterations or repairs of the product.



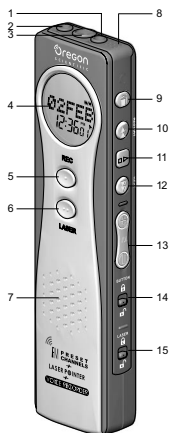


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Notes on Copyright

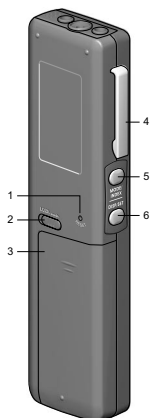
Voices or sounds recorded using your voice recorder cannot be used in ways that infringe copyright laws without the consent of the owner, unless intended only for personal use. Note that some restrictions apply to the recording of performances, entertainments and exhibits, even when intended purely for personal use. Users are also asked to note that the transfer of memory containing data protected under copyright laws is only permissible within the restrictions imposed.

KEY FEATURES



FRONT

- 1. Microphone Connector**
Accepts external condenser microphone (sold separately)
- 2. Stereo Earphone Connector**
- 3. Laser Beam Emitter**
- 4. LCD Status Display**
Shows various statuses.
- 5. REC Button**
Starts or stops recordings.
- 6. LASER Button**
Emits laser beam for pointing purposes.
- 7. Speaker**
- 8. Built-in microphone**
- 9. ERASE Button**
Erases a message.
- 10. REVIEW Button**
Replay message or skip to previous message during playback.
Skips to / search previous station in Radio mode.
- 11. PLAY / STOP Button**
Plays a current message.
- 12. SKIP Button**
Skips to next message during playback.
Skip to / search next station in Radio mode.
- 13. VOL+ / VOL – Buttons**
Adjusts settings / volume output.



14. **BUTTON LOCK Switch**

Locks all control buttons to prevent activation.

15. **LASER LOCK Switch**

Locks **LASER** button to prevent activation.

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BACK

1. **RESET Hole**

Returns all settings to default value.

2. **BATTERY LOCK Switch**

Locks Battery Door to prevent it from sliding off.

3. **Battery Compartment**

Stores batteries.

4. **Pocket Clip**

5. **MODE / INDEX Button**

- **MODE:** Selects operation mode.
- **INDEX:**
 - During recording, marks index.
 - During playback, marks index for repeating.

6. **DISP / SET Button**

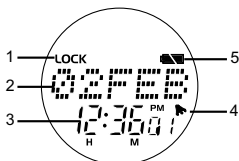
- **DISP:** Selects information shown on LCD.
- **SET:** Enters and confirms various settings.



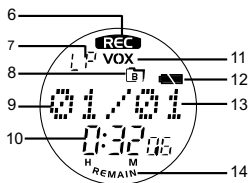
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LCD DISPLAYS:

CLOCK MODE



RECORDER MODE



CLOCK MODE

1. **Lock Status**
Displays status of BUTTON LOCK.
2. **Date Display**
Displays date (day/month or year).
3. **Time Display**
Displays time (in HH:MM:SS, AM/PM format).
4. **Alarm Icon**
Indicates whether the alarm is enabled or disabled.
5. **Battery Level Indicator**
Displays the current level of battery usage.

RECORDER MODE

6. **REC Icon**
Message is recording when REC icon is flashing.
7. **Recording Quality Icon** Indicates quality and type of messages recorded.
8. **Current Folder Icon**
Current folder in which messages are stored (Folder A or B).
9. **Current Message**
Shows the current message's number.
10. **Recording Time**
Shows the amount of recording time elapsed.
11. **Voice Activated Recording Indicator**
Voice Activated Recording enabled / disabled.
12. **Battery Level Indicator**
Displays the current level of battery usage.
13. **Total Number of Messages Stored**
Total number of messages stored within current folder.
14. **Remaining Recording Time**
If "REMAIN" is displayed, **Recording Time** displays the total remaining recording time left on the device.

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GETTING STARTED

PACKAGE CONTENTS

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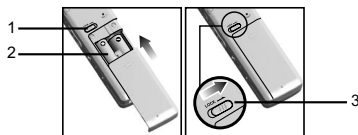
When you unpack your voice recorder, make sure to keep all the packing materials in a safe place, in case you need to later transport the device or return it for servicing.

In the box, you will find:

- VR383SX3 Voice Recorder with Laser Pointer
- 2 x AAA-sized batteries
- Carrying Pouch
- Earphone (stereo)
- User Manual

INSTALLING THE BATTERIES

Your voice recorder is shipped with two AAA-sized batteries.



1. Switch the **Battery Compartment Lock** to the left and remove the battery door.
2. Insert the two AAA batteries into the compartment, making sure to align them correctly with the battery graphics inside.
3. Place the battery door back on and switch the lock to the right.
4. The voice recorder automatically prompts you to change the date and time if installation is successful.

NOTE: The switch must be locked to the right before being able to access the buttons and using the recorder's functions.





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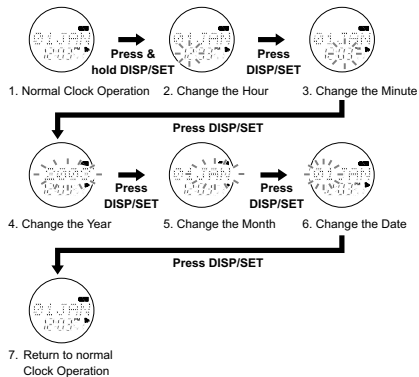
USING THE DIGITAL VOICE RECORDER

Your voice recorder has three operation modes: **Clock Mode**, **Radio Mode**, and **Recorder Mode**.

CLOCK

Setting the Date and Time

1. Press and hold **DISP / SET**, the hour display will begin flashing.



2. Use **Vol + / Vol -** to toggle value.
3. Press **DISP / SET** to confirm value and begin editing next setting.
4. Repeat steps 2 and 3 for Minute, Year, Month, and Day settings.

Changing the Alarm Time

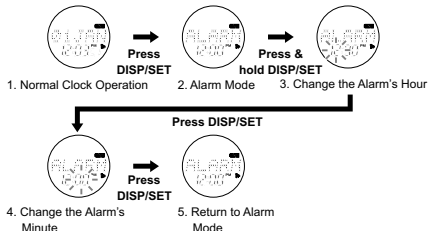
NOTE: Press **MODE / INDEX** to enter Alarm from Clock mode.





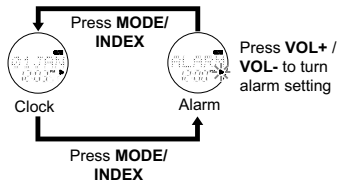
To set alarm time:

1. Press and hold **DISP / SET** until hour value begins flashing.



2. Use **Vol + / Vol -** to toggle value
3. Press **DISP / SET** to confirm value

Turning Alarm Setting On or Off



NOTE: The alarm setting is automatically turned on when the alarm time has been changed.

Turning Off Ringing Alarm

When the alarm sounds, press any button (except the **LASER** button) to stop the ringing. It will also automatically stop after 30 seconds.

NOTE: If the voice recorder is in **Recorder Mode**, the alarm will not sound even if it is enabled. Instead, the Alarm Indicator will blink for 30 seconds or until any button is pressed.



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FM RADIO (87.5 TO 108MHz)

This product is equipped with a built-in FM Radio system for your entertainment.

Using the Radio

1. In Clock Mode press **MODE / INDEX** twice to select Radio Mode, then press **[PLAY]** to confirm entering radio channel mode.
2. Use **Vol + / Vol -** to adjust the volume.
3. Press **SKIP** to go next preset station.
4. Press **PREVIEW** to return previous preset station.
5. Press **REC** to start recording.

Setting Radio Stations

The FM Radio has 30 channels to select from. These can be set manually or automatically as follows;

1. Press **DISP / SET** while in Radio mode. The channel number will disappear.
2. Use **SKIP** or **REVIEW** to toggle through frequencies (87.5MHz to 108MHz). Press and hold **SKIP** or **REVIEW** to scan to next available frequency.
3. Press and hold **DISP / SET** until "SAVE?" is displayed.
4. Use **SKIP** or **REVIEW** to toggle through channel numbers.
5. Press **DISP / SET** to assign channel number to selected frequency. Alternatively, press **MODE / INDEX** to abort save.

NOTE: Listen to the radio using the stereo earphone provided. The earphone (antenna) must be plugged into the unit so that radio channels can be received normally. FM scanning reception may vary in different areas.



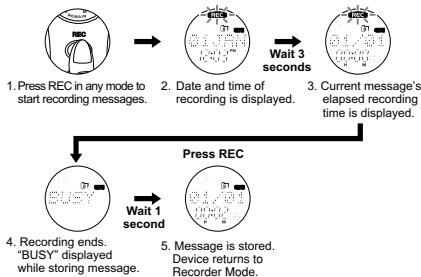


RECORDER

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Recording Messages

Press **REC** in any mode to begin recording. Date and time of recording will be displayed briefly followed by the elapsed recording time.



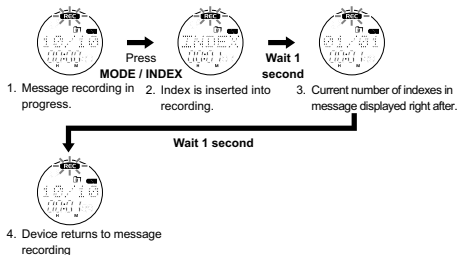
Press **REC** to end recording, "BUSY" will be displayed while message is stored.

NOTE: To view the remaining recording time left, press **DISP / SET** while recording. The word "**REMAIN**" will appear on-screen with the remaining recording time displayed.

Marking Indexes while Recording

Indexes may be added to messages while recording so that you can search and listen to specific portions of a message easily. Up to a total of 99 indexes may be marked in messages in the same folder. A single message may also have multiple indexes. To mark an index:

Press **MODE / INDEX** during recording to insert an index. "INDEX", then number of indexes in the message will appear briefly on the LCD.



Repeat as many times as desired during recording to mark additional indexes.

“FULL” Displayed On-Screen

In the following circumstances, the word “FULL” will be displayed:

- Pressing **REC** when the memory is already full.
- Pressing **REC** when the current folder already has 99 stored messages.
- During recording, the memory is used up.
- Pressing **MODE / INDEX** during recording when there are already 99 indexes saved in the current folder.

NOTE: Delete messages or indexes to make extra room for recording or indexing.





Playing Back Messages

When the unit is in **Recorder Mode**, and the device is not recording, the LCD screen will show the current message that you are accessing. It will also display the total number of messages stored in the current folder. To play back the messages:

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1. Press **SKIP** to access the next message stored. Press **REVIEW** to access the previous message stored.
2. When you have selected a message, press **PLAY** to start the playback.

Functions During Playback

During the playback of messages, the voice recorder can perform a number of different functions:

Functions	Descriptions
Display Remaining Playback Time	Press DISP / SET during playback.
Adjust Volume	Press VOL+ or VOL- .
Replay Current Message	Press REVIEW .
Skip to Previous Message	Press REVIEW twice.
Skip to Next Message	Press SKIP .
Scanning Forward through Current Message	Press and hold SKIP .
Scanning Backwards through Current Message	Press and hold REVIEW .





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Playing Back Indexed Messages

During the playback of an indexed message, the functions will differ slightly from normal:

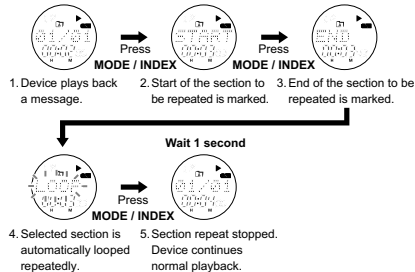
Function	Description
Skip to Previous Index	Press REVIEW during the 1st second of the current message's playback. If the current index is at the beginning of a message, pressing REVIEW will playback the message from the start.
Replay Current Index	Press REVIEW after a second of playback.
Skip to Next Index	Press SKIP .

Section Repeat Playback

When a message is playing back, you can choose to repeat a selected section of the message.

Press **MODE / INDEX** to mark the start of the section and press again to mark the end of the section.

The selected section will loop automatically.





Press **MODE / INDEX** to return to normal playback.

Introduction Scanning

You can scan the first 5 seconds of all recorded messages within the current folder. When the unit is in **Recorder Mode**, and the device is not in playback or recording:

Press and hold **PLAY** to enter Introduction Scan Mode. The first five seconds of every message in the selected folder will be played.

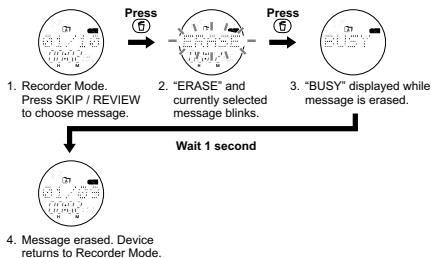
Press **PLAY** to resume normal playback of a desired message.

Erasing Messages

When the unit is in **Recorder Mode**, and the device is not in playback or recording, you can choose to erase the messages stored:

Use **SKIP / REVIEW** to toggle through messages in folder.

Press **ERASE** to delete selected message. "ERASE" will begin flashing on the LCD display.



Press **ERASE** again to confirm deletion.



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VOICE RECORDER SETTINGS

Your voice recorder has five different settings that can be configured:

NOTE: Underlined options are product default options.

Setting	Description	Options
FILE	Currently active folder selected.	<u>Folder A</u> / Folder B
MODE	Different recording quality and recording capacity.	<u>SP</u> (Standard Play) / EP (Extended Play) / LP (Long Play)
MIC	Adjust sensitivity of microphone.	Hi / Lo
VOX	Enable/disable voice detection.	On / <u>Off</u>
BEEP	Button press confirmation tone.	<u>On</u> / Off

Changing Voice Recorder Settings

Press and hold **DISP / SET** while in **Recorder Mode**.

Use **Vol + / Vol -** to adjust settings for each of the options listed below.

Press **DISP / SET** to confirm each selection.

FILE Setting (Current Folder)

Choose the current folder (Folder A or Folder B). Each can carry up to 99 messages and indexes.

MODE Setting (Recording Quality)

You can choose between three different recording quality options.

Option	Description	Recording Quality	Length of Recording Time
SP	Standard Play	High	84 minutes
EP	Extended Play	Medium	102 minutes
LP	Long Play	Low	136 minutes





MIC Setting (Microphone Sensitivity)

You can choose between two different microphone sensitivity options.

Option	Description
Hi	High sensitivity - clearer & louder recording, more susceptible to noises & distortions.
Lo	Low sensitivity - lower volume in recording, less susceptible to noises & distortions.

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VOX Setting (Voice Activated Recording)

This setting pauses a recording automatically when no noise is detected for 2 seconds. The recording resumes when voice is detected again.

BEEP Setting (Beep Tone)

The beep tone setting, if enabled, causes the unit to beep whenever a button is pressed (excluding the **LASER** button).

LASER POINTER

Your voice recorder is integrated with a laser pointer that can emit red laser beam for pointing purposes.

USING THE LASER POINTER

- △ Take extreme precaution to protect your eyes while using the laser pointer. Do not look at the laser pointer directly when the laser beam is emitting, as this can permanently damage your eyes. Point the laser away from you and any other people at all times.

NOTE: It is advisable to lock the laser when the function is currently not in use.

To activate the laser pointer, press and hold the **LASER** button.





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LOCKING THE LASER

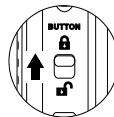
The **LASER LOCK** switch can be used to prevent the accidental activation of the laser beam. When locked, the **LASER** button is disabled, and the laser beam cannot be emitted. Simply slide the switch position to lock or unlock the laser.



OTHER FEATURES

LOCKING RECORDER BUTTONS

This feature disables all recorder buttons, thus preventing the accidental recording, playback, and erasing of messages. Simply slide the switch position to lock or unlock the recorder buttons.



NOTE: The **LASER** button is still active when the recorder buttons are locked. The **LASER LOCK** switch is separate from this function and is the only way to lock the **LASER** button.

RESETTING THE UNIT

Using the RESET Hole

Your voice recorder may need to be reset if the device is not functioning properly. Use a blunt stylus and press into the **RESET** Hole to return the device to default values.

NOTE: Recorded messages are not erased after the **RESET** Hole has been pressed.





Full Reset

You may need to perform a **FULL RESET** if the unit does not function properly even after the **RESET** Hole has been pressed. To perform a **FULL RESET**, press and hold the **ERASE** button while using the blunt stylus to press into the **RESET** hole.

NOTE: Recorded messages are **COMPLETELY** erased from all folders after a Full Reset.

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CONNECTING TO AN EXTERNAL EARPHONE

- △ Using the earphone to listen to very loud messages may cause permanent ear damage. Only use the earphone during Playback Mode, and lower the volume of the recorder before listening.



CONNECTING TO AN EXTERNAL MICROPHONE

NOTE: The external microphone must be a condenser type. Other types of microphones will not work with your voice recorder.



TROUBLESHOOTING

This section includes a list of frequently asked questions for problems you may encounter with your voice recorder. If your voice recorder is not operating as you think it should, check here before arranging for servicing.





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Problem	Symptom	Check This	Remedy
No Power	The voice recorder cannot be turned on.	Batteries are exhausted.	Replace with new batteries.
		Batteries are inserted incorrectly.	Insert the batteries correctly.
Buttons Do Not Work	Pressing voice recorder buttons yield no responses.	Voice recorder buttons are locked.	Unlock the LOCK switch.
	Pressing LASER button yields no response	LASER button is locked.	Unlock the LASER LOCK switch.
No Sounds	Playing back messages yield no sound.	Volume is not turned up.	Press VOL+ during playback.
		Earphone is plugged in but not used.	Disconnect the earphone from the device, or listen via the earphone.
No Alarm	Alarm does not sound.	Alarm is disabled.	Turn on the alarm setting.
		The device is in Recorder Mode .	Return to Clock Mode by pressing MODE/INDEX .
External Microphone	No sound is recorded with the external microphone.	External microphone not plugged in.	Plug in fully the external microphone to the Microphone Connector.
		Condenser type external microphone not used.	Plug in a condenser type external microphone.



Continued:

Problem	Symptom	Check This	Remedy
Cannot Record Messages	The word "FULL" is displayed on the LCD screen.	The maximum amount of 99 messages has been reached within the current folder.	Erase some messages or choose another folder with fewer messages.
		The storage capacity of the recorder has been filled.	Erase some messages.
Cannot Mark Indexes	The word "FULL" is displayed on the LCD screen.	The maximum amount of 99 messages has been reached within the current folder.	Erase messages with indexes from the current folder, or select another folder with fewer indexes.
Word Shown on LCD Screen. Device Not Operable	The word "DOOR" is displayed on the LCD screen.	Battery compartment not closed and locked.	Close the battery compartment and lock it with the Compartment Lock.
	The word "BATT" is displayed on the LCD screen.	New batteries are required.	Replace current batteries with fresh ones.
Operation Not Normal	Certain functions do not perform.	Device requires reset.	Reset the unit with a blunt stylus pressed against the RESET Hole. Perform a FULL RESET if necessary (all stored messages will be lost).



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SPECIFICATIONS

Type	Description
Recording Medium	Non-volatile flash memory
Recording Time	Standard Play (SP): 84 min. Extended Play (EP): 102 min. Long Play (LP): 136 min.
FM Radio Frequency	87.5 ~ 108MHz
Radio Preset Channels	30
Volume level	Step 0 to 7
Speaker	20mm diameter
Maximum Power	100mW
Earphone Jack	3.5mm diameter 8Ω
Microphone Jack	3.5mm diameter 2KΩ
Laser Pointer	Red in color, approx. 10 mm in visual projection
Battery Type	2x AAA 1.5V Alkaline Battery
Battery Life	Approx. 40 hours of continuous recording. Approx. 10 hours of continuous playback*
Size	32mm(W) x 124.5mm(L) x 16mm(T)
Weight	44g without battery

* At default step 5 volume, room temperature.

NOTE: Design and specifications are subject to change without notice.



ABOUT OREGON SCIENTIFIC

Visit our website (www.oregonscientific.com) to learn more about Oregon Scientific products such as digital cameras; MP3 players; children's electronic learning products and games; projection clocks; health and fitness gear; weather stations; and digital and conference phones. The website also includes contact information for our customer care department in case you need to reach us, as well as frequently asked questions and customer downloads.

We hope you will find all the information you need on our website, however if you'd like to contact the Oregon Scientific Customer Care department directly, please visit:

www2.oregonscientific.com/service/support

OR

Call 949-608-2848 in the US.

For international enquiries, please visit:

www2.oregonscientific.com/about/international/default.asp

CAUTION

In case of electrostatic discharge, the product may not function properly and requires manual reset. Upon reset, messages recorded will remain intact. If a message is being recorded, the message will be discarded.





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FCC STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.

Changes or modifications not expressly approved by Oregon Scientific for compliance could void the warranty and your authority to use this equipment.



LASER SAFETY



Complies with 21 CFR 1040.10





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